



PATENT  
P56649

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Jae-Seok JEONG *et al.*

Serial No.: 10/080,547

Examiner: *to be assigned*

Filed: 25 February 2002

Art Unit: 2879

For: SUBSTRATE AND PLASMA DISPLAY PANEL UTILIZING THE SAME

#4  
IDS  
RJ  
3/26/03

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.56, and §§ 1.97 and 1.98, applicant cites, provides copies, lists and briefly discusses the following art references newly cited by the Korean Intellectual Property Office in a *Notice to Submit Response* issued by Korean Industrial Property Office in co-pending Korean priority application No. 10-2001-0012890 dated on the 25<sup>th</sup> of February 2003.

**U.S. PATENT REFERENCE:**

<u>Patent No.</u>	<u>Inventor</u>	<u>Issued Date</u>
• 5,825,128	Betsui <i>et al.</i>	20 October 1998

**Japanese PATENT REFERENCES:**

<u>Publication No.</u>	<u>Inventor</u>	<u>Published Date</u>
• Hei 9-50768	Betsui <i>et al.</i>	18 February 1997

"Plasma Display Panel"

and English language Abstract for Hei 9-50768

- JP 2000-11894                      Kunii *et al.*                      14 January 2000

"Plasma Display Panle"

and English language Abstract for JP 2000-11894

#### **OTHER DOCUMENTS:**

- English language translation of Korean Industrial Property Office *Notice to Submit Response*  
Issued by the Korean Industrial Property Office in co-pending corresponding Korean patent  
application No. 10-2001-0012890 of the Applicant dated on the 25<sup>th</sup> of February 2003  
English translation is herewith.

#### **DISCUSSION**

As explained by the Korean Patent Examiner in the *Notice to Submit Response* issued on the 25<sup>th</sup> of February 2003 in corresponding Korean Priority Application No. 10-2001-0012890 states that "the present invention could have been easily invented by one of ordinary skill in the art from the technical constructions of Japan Patent Laid-open Publication No. Hei 9-50768 (February 18, 1997) in which partitions are arranged to form the discharge space in a snaking shape, R, G and B is arranged in a triangular shape and the distance between the partitions vary, and Japan Patent Laid-open Publication No. 2000-11894 (January 14, 2000) in which the thickness of partitions and widths of main discharge spaces vary."

Kunii JP '894 states that "the side edge shape of each of the barrier ribs 59 is so regularly formed in a laterally asymmetrical form as to set the barrier rib intervals of non-discharge cell parts smaller than those of discharge cell parts corresponding to the discharge electrode couples in the

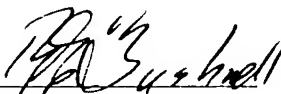
discharge spaces wherein the phosphors having low luminescent color luminance out of the phosphors 58 are arranged, so that the luminescent surface in the peripheral part of each of the discharge cells of the low luminance phosphors is widened."

Betsui U.S. '128 and its corresponding Japanese Laid-open Patent Publication '768 contemplate separator walls that undulate with a fixed periodicity so as to defined alternating wide and narrow portions aligned along each channel in the respective first electrode.

The citation of forgoing references is not tended to constitute representation to the Examiner that a search of the prior art has been made by the Applicant. Accordingly, the U.S. Examiner is requested to make a thorough and wide-ranging search of the prior art during the examination.

Pursuant to 37 C.F.R. § 1.97(e), the undersigned attorney hereby certificates that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than (3) months prior to the filing of the statement. Accordingly, no fee is incurred by this Statement.

Respectfully submitted,

  
Robert E. Bushnell  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: 202-408-9040

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